



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005

TIME: 14:07:59

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

3 <110> APPLICANT: greenovation Biotech GmbH
 5 <120> TITLE OF INVENTION: Improvements in or relating to protein production
 7 <130> FILE REFERENCE: Protein Production Method
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/539,725
 C--> 11 <141> CURRENT FILING DATE: 2005-06-20
 11 <160> NUMBER OF SEQ ID NOS: 89
 13 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
 Corrected Diskette Needed
 CPS.1-6

ERRORED SEQUENCES

15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 36
 17 <212> TYPE: DNA
 18 <213> ORGANISM: Artificial Sequence
 W--> 19 <220> FEATURE: Pls insert mandatory <220>, whenever <221>, <222> or <223> is present.
 19 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence MoB323
 E--> 20 <400> SEQUENCE: 1

E--> 21 atactcgagg aagatgaact tttctgacctg tcttgg
 22 36

24 <210> SEQ ID NO: 2
 25 <211> LENGTH: 26
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial Sequence
 W--> 28 <220> FEATURE: same error
 28 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence MoB349
 E--> 29 <400> SEQUENCE: 2

E--> 30 atgcatggg tgcagcctgg gaccac
 31 26

33 <210> SEQ ID NO: 3
 34 <211> LENGTH: 23
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial Sequence
 W--> 37 <220> FEATURE: same error
 37 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT(d)1
 E--> 38 <400> SEQUENCE: 3

E--> 39 gtttgcgctg tngtngtngat ggc
 40 23

42 <210> SEQ ID NO: 4
 43 <211> LENGTH: 27
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial Sequence
 W--> 46 <220> FEATURE: same error
pls explain "N" locations. Pls see error explanation on page 7.

file://C:\CRF4\Outhold\VsrJ539725.htm See item #11 on error summary sheet. 6/29/05

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Input Set : E:\05-06-06 1041WO.txt

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OK 46 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN(d)3
 E--> 47 <400> SEQUENCE: 4
 E--> 48 ~~scyttrtarg cngcngctng gnaencc~~ → Same error See error explanation on pg. 7.
 49 27
 51 <210> SEQ ID NO: 5
 52 <211> LENGTH: 25
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Artificial Sequence
 W--> 55 <220> FEATURE: Same error
 55 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN(d)2
 OK 56 <400> SEQUENCE: 5
 E--> 57 ~~tayaaratnc agndaytaya artgg~~ → See item #1 on error summary sheet
 58 25
 60 <210> SEQ ID NO: 6
 61 <211> LENGTH: 23
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence
 W--> 64 <220> FEATURE: Same error
 64 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN(d)4
 OK 65 <400> SEQUENCE: 6
 E--> 66 ~~aritaytgyt traaraaytg ncc~~ → Same error
 67 23
 69 <210> SEQ ID NO: 7
 70 <211> LENGTH: 20
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Artificial Sequence
 W--> 73 <220> FEATURE: Same error
 73 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACEG3
 OK 74 <400> SEQUENCE: 7
 E--> 75 ~~gtcgtgtcc aataaaggag~~ → Same error
 76 20
 78 <210> SEQ ID NO: 8
 79 <211> LENGTH: 21
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Artificial Sequence
 W--> 82 <220> FEATURE: Same error
 82 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACEG4
 OK 83 <400> SEQUENCE: 8
 E--> 84 ~~gtcgggagag atttccatgt c~~ → Same error
 85 21
 87 <210> SEQ ID NO: 9
 88 <211> LENGTH: 20
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Artificial Sequence
 W--> 91 <220> FEATURE: Same error
 91 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACEG5
 OK 92 <400> SEQUENCE: 9
 E--> 93 ~~ctaagatgac gacccttcgg~~ → Same error
 94 20

↑ See item #11 on error summary sheet

RAW SEQUENCE LISTING

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Input Set : E:\05-06-06 1041WO.txt

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```

96 <210> SEQ ID NO: 10
97 <211> LENGTH: 22
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
W--> 100 <220> FEATURE:
E--> 100 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACE6
E--> 101 <400> SEQUENCE: 10
E--> 102 Caccctgaga aacaaaaagt gg
103 22
105 <210> SEQ ID NO: 11
106 <211> LENGTH: 21
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
W--> 109 <220> FEATURE:
E--> 109 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACE7
E--> 110 <400> SEQUENCE: 11
E--> 111 agttacagac ttcaatgtac g
112 21
114 <210> SEQ ID NO: 12
115 <211> LENGTH: 20
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
W--> 118 <220> FEATURE:
E--> 118 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACE8
E--> 119 <400> SEQUENCE: 12
E--> 120 aatcaggacg gttgcaagcc
121 20
123 <210> SEQ ID NO: 13
124 <211> LENGTH: 20
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
W--> 127 <220> FEATURE:
E--> 127 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 3RACEG1
E--> 128 <400> SEQUENCE: 13
E--> 129 ttatccgacc tgaagtttgc
130 20
132 <210> SEQ ID NO: 14
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
W--> 136 <220> FEATURE:
E--> 136 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 3RACEG2
E--> 137 <400> SEQUENCE: 14
E--> 138 gacctacaat tttggagagc
139 20
141 <210> SEQ ID NO: 15
142 <211> LENGTH: 20
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

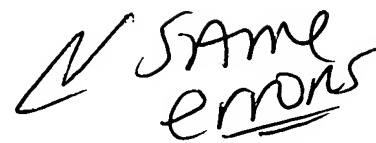
DATE: 06/29/2005

PATENT APPLICATION: US/10/539,725

TIME: 14:07:59

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

 Same errors

W--> 145 <220> FEATURE:
OK 145 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT5F
E--> 146 <400> SEQUENCE: 15
E--> 147 tgggctttaa cacaactttt
148 20
150 <210> SEQ ID NO: 16
151 <211> LENGTH: 19
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
W--> 154 <220> FEATURE:
OK 154 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN6R
E--> 155 <400> SEQUENCE: 16
E--> 156 gccctaagct tgatecctg
157 19
159 <210> SEQ ID NO: 17
160 <211> LENGTH: 21
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
W--> 163 <220> FEATURE:
OK 163 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT21F
E--> 164 <400> SEQUENCE: 17
E--> 165 atggcagata tggctcgatt g
166 21
168 <210> SEQ ID NO: 18
169 <211> LENGTH: 22
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
W--> 172 <220> FEATURE:
OK 172 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT15R
E--> 173 <400> SEQUENCE: 18
E--> 174 agttttctatg gtatctaact gc
175 22
177 <210> SEQ ID NO: 19
178 <211> LENGTH: 21
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
W--> 181 <220> FEATURE:
OK 181 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNTHT7
E--> 182 <400> SEQUENCE: 19
E--> 183 gagcatccaa gcttgacctg g
184 21
186 <210> SEQ ID NO: 20
187 <211> LENGTH: 22
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
W--> 190 <220> FEATURE:
OK 190 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNTET7
E--> 191 <400> SEQUENCE: 20
E--> 192 gcaccgtgaa ttcttctagc tt

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005

TIME: 14:07:59

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

193 22
 780 <210> SEQ ID NO: 86
 781 <211> LENGTH: 815
 782 <212> TYPE: DNA
 783 <213> ORGANISM: Artificial Sequence
 W--> 784 <220> FEATURE: *pls insert*
 784 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR product
 E--> 785 <400> SEQUENCE: 86
 E--> 786 gttccgcggt gatcccggtt tcataatcagt gtattatcat cagtgcactgc atattgacac
 787 60
 E--> 788 caattctga tgatttttta tttttattt tttatttttt ttggtatggt tacatgcttt
 789 120
 E--> 790 tcagaggttt ctatgccgct gagtattttc ctgaatcgcg aggtgtgaca gggttatctgc
 791 180
 E--> 792 gcgtccacc caatatittta tgatgagtcg atgattcgctg agactaatct agcttaacct
 793 240
 E--> 794 tttcttact ggcaagtcaa aattgagttt aaaatatttc agtatcctgt tagtaatttc
 795 300
 E--> 796 ggaacacatgt attctatgtc tcatactctt tacgtgaaag ttcaactgac ttatattttg
 797 360
 E--> 798 tggttttct gtagatcact gttttagcgc atacaaagac aattgtctaa atatttttaa
 799 420
 E--> 800 agaagtgat attttattat aagatagaag tcaatatggt tttttgttat gcacatgact
 801 480
 E--> 802 tgaataaaat aaattttttt gttagattta aatacttttt gaattatagc tttgttgaaa
 803 540
 E--> 804 ttaaggaatt tatattcata agaagctact cgaacaaatt tacaagaga acatttgata
 805 600
 E--> 806 agtaaaagta attaaaagtt ttttttaatt taaaaagatt aatttttatt aataagaaga
 807 660
 E--> 808 atttggaag ttagaaaaat atttaacttt aaaaattaag aaaacaaggc aaaactttaa
 809 720
 E--> 810 ttacaaata cttaatgtag attaatattc ttattatata ttagcacaaa ttatcattat
 811 780
 E--> 812 gtgatatttt atgttattgt tacgtagagc tcaaa
 813 815
 833 <210> SEQ ID NO: 89
 834 <211> LENGTH: 882
 835 <212> TYPE: DNA
 836 <213> ORGANISM: Artificial Sequence
 W--> 837 <220> FEATURE: *same error*
 837 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR product
 E--> 838 <400> SEQUENCE: 89
 E--> 839 gcgttaact ctctctatct ctctctgtgt tgcgtttgat cagggggtttt aggggtttggg
 840 60
 E--> 841 tccagggttc cgaggagtat cgtcacgtgt attgcggtct tgttgagat tctcagttg
 842 120
 E--> 843 tgcattaga tataaactta gtttagtcca cgatcggttt ctaatcgtgg atttttgtgg
 844 180

*see item #11 on error
 summary sheet*

*See
 item
 #1 on
 error
 summary
 sheet.*

same error

RAW SEQUENCE LISTING

DATE: 06/29/2005

PATENT APPLICATION: US/10/539,725

TIME: 14:08:00

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

E--> 845 gtttcgggtcg ttgagcaaga attttgtgaa ttttttgtat tgggggaagg aaatgggggtt
846 240
E--> 847 atggcgatat cgttttcggtt ggggttcaacg tgatcgggtga gctccaggaa gggctgggtca
848 300
E--> 849 ctcaaatcc ggtattcgtc tcatcgagac gcatttatcg gttcattata tgtatatata
850 360
E--> 851 tatatatata tatatgcaga gtgcattgtg ttgcaatttc tgaactaggt actggttgaat
852 420
E--> 853 tctagattgc cttcaagtag ctctcgatgt tggaaatgacg sacacaaatt ctgctactga
854 480
E--> 855 atgagaccat attctgcacc gttaattggt tttatgaata tatggtgtcg aattacattc
856 540
E--> 857 tgcctogaat ccatgcgcc tttctgcacg aacgttggtt tgtagttgta gtgcagccag
858 600
E--> 859 tctgttttgtt ttaggattat gctttgacga tcgatgagtc cgtttcatgg ttttatactt
860 660
E--> 861 gtcatttata ttcttgtgat tttttgttta caaatgttcc cccaattgta acgtgggact
862 720
E--> 863 tctgtgtgtg gtggttgctc aaattgatag ttttggtcat ttgatttgcg gagagcaatc
864 780
E--> 865 ggtgtcatgg aaaatccctt cgactgcttt gatccaatca aagttctgct tgagccaatg
866 840
E--> 867 tgagaggtgg aggattgggc ttcttctaag tgagaattct cg
868 882

↑
Same errors

↑
The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005
TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt
Output Set: N:\CRF4\06292005\J539725.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:3; N Pos. 3,6,9,12,15,18
Seq#:4; N Pos. 9,12,15,19,22,25
Seq#:5; N Pos. 9,13
Seq#:6; N Pos. 21
Seq#:31; N Pos. 6
Seq#:32; N Pos. 3,6,9,12,15
Seq#:33; N Pos. 3,6,9
Seq#:55; N Pos. 9,18
Seq#:56; N Pos. 3,6,15
Seq#:57; N Pos. 3,6,15,21

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005

TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:19 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1 ✓
L:20 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:1 ✓
L:20 M:283 W: Missing Blank Line separator, <400> field identifier
L:21 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:1 ✓
L:28 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:29 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:30 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:2
L:37 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:38 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:3
L:38 M:283 W: Missing Blank Line separator, <400> field identifier
L:39 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:3
L:39 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:3
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:39 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:3
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:47 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:4
L:47 M:283 W: Missing Blank Line separator, <400> field identifier
L:48 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:4
L:48 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:4
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:48 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:4
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:56 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:5
L:56 M:283 W: Missing Blank Line separator, <400> field identifier
L:57 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:5
L:57 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:5
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:57 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:5
L:64 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:65 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:6
L:65 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:6
L:66 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:6
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:66 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:6
L:73 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:74 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:7
L:74 M:283 W: Missing Blank Line separator, <400> field identifier
L:75 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:7
L:82 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:83 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:8
L:83 M:283 W: Missing Blank Line separator, <400> field identifier
L:84 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:8
L:91 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:92 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:9

VERIFICATION SUMMARY

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Input Set : E:\05-06-06 1041WO.txt

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L:92 M:283 W: Missing Blank Line separator, <400> field identifier
L:93 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:9
L:100 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:101 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:10
L:101 M:283 W: Missing Blank Line separator, <400> field identifier
L:102 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:10
L:109 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:110 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:11
L:110 M:283 W: Missing Blank Line separator, <400> field identifier
L:111 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:11
L:118 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:119 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:12
L:119 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:12
L:127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:128 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:13
L:128 M:283 W: Missing Blank Line separator, <400> field identifier
L:129 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:13
L:136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:137 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:14
L:137 M:283 W: Missing Blank Line separator, <400> field identifier
L:138 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:14
L:145 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:146 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:15
L:146 M:283 W: Missing Blank Line separator, <400> field identifier
L:147 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:15
L:154 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:155 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:16
L:155 M:283 W: Missing Blank Line separator, <400> field identifier
L:156 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:16
L:163 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:164 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:17
L:164 M:283 W: Missing Blank Line separator, <400> field identifier
L:165 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:17
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:173 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:18
L:173 M:283 W: Missing Blank Line separator, <400> field identifier
L:174 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:18
L:181 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:182 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:19
L:182 M:283 W: Missing Blank Line separator, <400> field identifier
L:183 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:19
L:190 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:191 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:20
L:191 M:283 W: Missing Blank Line separator, <400> field identifier
L:192 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:20
L:199 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21
L:200 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:21
L:200 M:283 W: Missing Blank Line separator, <400> field identifier

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Output Set: N:\CRF4\06292005\J539725.raw

L:201 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:21
L:208 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:209 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:22
L:209 M:283 W: Missing Blank Line separator, <400> field identifier
L:210 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:22
L:217 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:218 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:23
L:218 M:283 W: Missing Blank Line separator, <400> field identifier
L:219 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:23
L:226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:227 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:24
L:227 M:283 W: Missing Blank Line separator, <400> field identifier
L:228 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:24
L:235 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:236 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:25
L:236 M:283 W: Missing Blank Line separator, <400> field identifier
L:237 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:25
L:244 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:245 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:26
L:245 M:283 W: Missing Blank Line separator, <400> field identifier
L:246 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:26
L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27
L:254 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:27
L:254 M:283 W: Missing Blank Line separator, <400> field identifier
L:255 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:27
L:262 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:263 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:28
L:263 M:283 W: Missing Blank Line separator, <400> field identifier
L:264 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:28
L:271 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:272 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:29
L:272 M:283 W: Missing Blank Line separator, <400> field identifier
L:273 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:29
L:280 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:281 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:30
L:281 M:283 W: Missing Blank Line separator, <400> field identifier
L:282 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:30
L:289 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31
L:290 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:31
L:290 M:283 W: Missing Blank Line separator, <400> field identifier
L:291 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:31
L:291 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:31
L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:291 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:31
L:298 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:299 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:32
L:299 M:283 W: Missing Blank Line separator, <400> field identifier
L:300 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:32
L:300 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:32

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005

TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:300 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:32
L:307 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33
L:308 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:33
L:308 M:283 W: Missing Blank Line separator, <400> field identifier
L:309 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:33
L:309 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:33
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:309 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:17 SEQ:33
L:316 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34
L:317 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:34
L:317 M:283 W: Missing Blank Line separator, <400> field identifier
L:318 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:34
L:325 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35
L:326 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:35
L:326 M:283 W: Missing Blank Line separator, <400> field identifier
L:327 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:35
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36
L:335 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:36
L:335 M:283 W: Missing Blank Line separator, <400> field identifier
L:336 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:36
L:344 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:37
L:344 M:283 W: Missing Blank Line separator, <400> field identifier
L:345 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:37
L:353 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:38
L:353 M:283 W: Missing Blank Line separator, <400> field identifier
L:354 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:38
L:362 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:39
L:362 M:283 W: Missing Blank Line separator, <400> field identifier
L:363 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:39
L:371 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:40
L:371 M:283 W: Missing Blank Line separator, <400> field identifier
L:372 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:40
L:380 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:41
L:380 M:283 W: Missing Blank Line separator, <400> field identifier
L:381 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:41
L:389 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:42
L:389 M:283 W: Missing Blank Line separator, <400> field identifier
L:390 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:42
L:398 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:43
L:398 M:283 W: Missing Blank Line separator, <400> field identifier
L:399 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:43
L:407 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:44
L:407 M:283 W: Missing Blank Line separator, <400> field identifier
L:408 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:44
L:416 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:45
L:416 M:283 W: Missing Blank Line separator, <400> field identifier
L:417 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:45
L:425 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:46

VERIFICATION SUMMARY

DATE: 06/29/2005

PATENT APPLICATION: US/10/539,725

TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

L:425 M:283 W: Missing Blank Line separator, <400> field identifier
L:426 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:46
L:434 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:47
L:434 M:283 W: Missing Blank Line separator, <400> field identifier
L:435 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:47
L:443 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:48
L:443 M:283 W: Missing Blank Line separator, <400> field identifier
L:444 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:48
L:452 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:49
L:452 M:283 W: Missing Blank Line separator, <400> field identifier
L:453 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:49
L:461 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:50
L:461 M:283 W: Missing Blank Line separator, <400> field identifier
L:462 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:28 SEQ:50
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0